



**MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 097430	PRINTER SN 096.3580.928	DATE OF INSPECTION 11/13/2024
LOCATION OF INSTRUMENT (STREET AND CITY) 205 N Lexington St Harrisonville MO 64701		TIME OF INSPECTION 3:31 am

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

- DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input type="checkbox"/> SIMULATOR SOLUTION	<input checked="" type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Intoximeters	LOT # AG304703 EXP. DATE 02/16/2025

SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____

- CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)
Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)
- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ← 0.080	TEST 2 ← 0.080	TEST 3 ← 0.080
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- RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Maintenance test due to the printer needing a new battery and charging cable.

INSPECTING OFFICER	
SIGNATURE #2881	PRINT NAME R. Stark
TYPE II PERMIT NUMBER/EXPIRATION DATE 230174 08/08/2025	TELEPHONE NUMBER (816) 380-8940

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

AS IV Serial no: 097430
Version no: 532B

TEST RECORD 01066

Temp Date Time ^{9/} 210L

Air Blank:
11/13/24 03:31 .000
Calibration Check:
20 11/13/24 03:31 .000

Subject Name

TEST #1

Subject I.D.

STACK #204

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430
Version no: 532B

TEST RECORD 01067

Temp Date Time ^{9/} 210L

Air Blank:
11/13/24 03:33 .000
Calibration Check:
21 11/13/24 03:33 .000

Subject Name

TEST #2

Subject I.D.

STACK #204

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430
Version no: 532B

TEST RECORD 01068

Temp Date Time ^{9/} 210L

Air Blank:
11/13/24 03:35 .000
Calibration Check:
21 11/13/24 03:35 .000

Subject Name

TEST #3

Subject I.D.

STACK #204

Operator Name, I.D.

HPD

Location

AS IV Serial no: 097430
Version no: 532B

TEST RECORD 01069

Temp Date Time ^{9/} 210L

VOID: RFI
12 11/13/24 03:37

Subject Name

RFI ✓

Subject I.D.

STACK #204

Operator Name, I.D.

HPD

Location



Airgas USA LLC (LAB)
 3500 Bernard Street
 St. Louis, Mo. 63103
 Ph: (314) 533-3100
 Fax: (314) 533-7328

Certificate of Analysis

Customer Name
 Exclusive Supplier
 Intoximeters, Inc.
 2081 Craig Road
 St. Louis, Mo 63146

Test Date: 16-Feb-2023

Lot # AG304703 Model 108

Exp Date 16-Feb-2025	Cyl. Type 108	Component Ethanol Nitrogen	Certified Concentration 0.080 ± 0.002 BrAC (218 ppm)
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Certification Traceable to N.I.S.T. RGM and to CRM Ethanol Standards:

RGM Serial No.	Concentration	RGM Serial No.	Concentration
EB0010581	391.8 ppm	EB0010603	392.5 ppm
EB0010570	259.8 ppm	EB0010559	258.9 ppm
EB0010285	209.0 ppm	EB0010562	104.2 ppm
EB0010561	103.7 ppm	EB0010579	52.94 ppm
EB0010681	52.22 ppm		

CRM Serial No.	Concentration	CRM Serial No.	Concentration
CC727481	800.0 ppm	CC727493	390.0 ppm
CC727496	253.0 ppm	CC727498	150.0 ppm

Analytical Method: NDIR

Digitally signed by: Quality Control
 Reason: Dry gas standard certification of analysis
 Location: Airgas USA LLC (Lab)
 Date: 22.16.2023 19:09

Approved for Release:

Rod Marsala

ISO 17025:2017 A2LA accredited. Certificate Number 3082.06
 ISO 17034:2016 A2LA accredited. Certificate Number 3082.07

TYPE II Supervisor



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



PERMIT
TYPE II
RYAN STARK

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, INTOX EC/IR II

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 8/8/2023

NUMBER 230174

EXPIRES 8/8/2025

MO 580-0771 (5-10)

Mike Mason

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

David J. Nielsen

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

 STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM

INSTRUMENT OPERATOR CARD

The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.

Operator STARK, RYAN
Permit No 230174
Date Issued 8/8/2023 Date Expires 8/8/2025

